

Title (en)

Guides for forming connections, and methods for forming connections.

Title (de)

Führungskörper zum Herstellen von Verbindungen, und Verfahren zum Herstellen von Verbindungen.

Title (fr)

Guides pour réaliser des connexions et procédés pour les réaliser.

Publication

**EP 0034482 A1 19810826 (EN)**

Application

**EP 81300605 A 19810213**

Priority

GB 8005069 A 19800214

Abstract (en)

[origin: US4386659A] A guide for use in connecting a riser pipe to a subsea riser base comprises a guide post and an expanding mandrel actuable by hydraulic pressure applied through a cable having hydraulic hoses in its core to lock the mandrel in a subsea riser base. The guide post is provided with buoyancy means to reduce its effective weight in water to enable it to be manipulated and manoeuvred by a remote controlled vehicle or diver.

IPC 1-7

**E21B 43/013**; F16L 1/04

IPC 8 full level

**E21B 33/038** (2006.01); **E21B 41/00** (2006.01); **E21B 41/10** (2006.01)

CPC (source: EP US)

**E21B 41/0014** (2013.01 - EP US); **E21B 41/10** (2013.01 - EP US); **Y10S 285/92** (2013.01 - EP US)

Citation (search report)

- US 3835655 A 19740917 - OLIVER J
- US 3931670 A 19760113 - ARNOLD JAMES F
- DE 2140304 A1 19730222 - NORTH AMERICAN ROCKWELL
- DE 2848920 A1 19790531 - AKERS MEK VERKSTED AS
- US 4133182 A 19790109 - CHATEAU GEORGES M

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NO340691B1; EP2867452A4; WO9923349A1; WO2014003572A1

Designated contracting state (EPC)

FR IT

DOCDB simple family (publication)

**EP 0034482 A1 19810826**; **EP 0034482 B1 19841212**; CA 1155762 A 19831025; GB 2069647 A 19810826; GB 2069647 B 19831005; IE 50716 B1 19860625; IE 810298 L 19810814; NO 810484 L 19810817; US 4386659 A 19830607

DOCDB simple family (application)

**EP 81300605 A 19810213**; CA 370776 A 19810213; GB 8005069 A 19800214; IE 29881 A 19810213; NO 810484 A 19810212; US 23254881 A 19810209